

# Oral Contributions

**[MS41-04] IYCr2014: Spanish Program within the European and International framework.** Santiago García-Granda & Laura Rocés.

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In order to celebrate the International Year of Crystallography in 2014, the whole crystallographic community is preparing a number of activities and events to connect crystallography and society. Spain has been actively involved in several crystallography outreach activities during the last few years and some successful project have been developed to make crystallography and crystallization close to the public. One of these is the popular activity Crystallization in the School [1]. This crystal growing competition has been organized since 2008 involving several high schools within the region of Andalusia, Asturias, Catalonia and Aragon. Since 2011, a Summer Scientific Campus has been held at the University of Oviedo in which near-future graduate students have been immersed during several days in a research project that incorporates crystallography as the core theme (X-Ray diffraction in the Forensic Science, Crystallisation and Mineralogy Workshops) [2]. Using this experience on crystallographic education, we have developed an ambitious activities program for IYCr2014 with the title “Science, Crystals and Society”. The main objective of this project is to integrate and incorporate the science of crystallography into the society, especially among students, boosting the European dimension of the Project. “Discovering”, “Getting involved” and “Communicating” are the three key points that will connect scientists and society. The core of this project is the development of a multilingual communication platform (“Communicating”) to disseminate worldwide the information ([http://](http://www.iycr.info)

[www.iycr.info](http://www.iycr.info)), news and special contents related to the IYCr. In order to achieve the main objective, we have selected a number of activities that will lead the public to Discover Crystallography: series of short videos showing “What does a crystallographer do?”, a “2014 Crystallography Diary and Calendar” (paper and virtual editions), a “Postage Stamps exhibition”, the “Virtual Geology Museum”, translation and adaptation of the theatre play “Bernald’s Picasso: When Art Met Science”. A second block of activities will make the society to actively Participate in Crystallography: a national opening ceremony, Nobel prizes meeting students, the crystal growing competition “Crystallisation in the School”, the crystal phase identification competition “Round Robin for students”, a popular research project with the cooperation of the international society “Sands of the World” and a national competition among crystallographers that will seek for “the most relevant molecule in Spanish crystallography”. The Communication platform (<http://www.iycr.info>) will allow and strength the connection between crystallography and society using a number of tools: A dedicated IP/TV Chanel to provide worldwide distribution of the activities and contents of the IYCr through this platform; The iTunesU Chanel to offer educational contents (courses, programs, conferences, congresses, conferences and proceedings); A platform for training and diffusion of information with Google Course Builder tool; own web site and social networks content management. As for the European activities, the ECA Executive Committee created a Coordination Committee for the IYCr2014, to gather initiatives in the ECA area and to be a link with the IUCr worldwide supervision of the IYCr2014 activities. Several interesting initiatives were collected from the ECA National Member Organizations and presented to the IUCr to get coverage and support. Acknowledgements: Financial support from Ministerio de Economía y Competitividad de España (MAT2010-15094, Factoría de Cristalización – – Consolider Ingenio 2010) and FEDER.

[1] <http://www.lec.csic.es/concurso/>

[2] García-Granda, S., Roces L. (2011) *Acta Cryst.* A67, C803-C804

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